US/Mexico Border Program.- Mission Statement:
To protect the environment and public health in the U.S. – Mexico border region, consistent with the principles of sustainable development.

In Partnership among Federal, State and Local governments in the United States and Mexico, and with U.S. border tribes.
Objective 1: By 2012, promote a 25 percent increase in the number of homes connected to potable water supply and wastewater collection and treatment systems.

Objective 1 – Mid-Course Refinements

Sub-Objective 1A: Promote the increase in the number of homes connected to a potable water supply beyond the original Border 2012 objective of 25%.

Sub-Objective 1B: Promote the increase in the number of homes connected to wastewater collection and treatment systems beyond the original Border 2012 objective of 25%.
Goal 1: Reduce Water Contamination

Objective 2 - Description

a. “Assess significant shared and transboundary surface waters.”

b. “By 2012, achieve a majority of currently exceeded water quality standards in those waters.”

Implement 4 projects that improve water quality in transboundary waters
Project
Geographical Information System - Hydrological / Water Quality Modeling

Elaborate Hydrological and water quality models, using Water Evaluation And Planning System (WEAP) platform, for: Bravo/Grande, Colorado and Tijuana rivers.

Develop Geodatabases (GIS) using ArcHydro platform, for the transboundary basins. GIS feed the models.

Develop a Web Page of ArcHydro Geodatabases
The ArcHydro surface water and water quality models are almost accomplished. There is a delay in the ArcHydro groundwater model mainly because the information is not in digital media. The database structure was done.

The WEAP water quality model has been implemented for the Falcon dam – Gulf of Mexico segment. The validation of the model has been undertaking.
South Central Regional Wastewater Collection and Treatment Project

New wastewater service for six unincorporated communities in South Dona Ana County, New Mexico (Vado, Del Cerro, La Mesa, San Miguel, Berino, Chamberino)

Environmental Benefit. - Eliminates the adverse effects of onsite treatment systems (failing septic tanks with leach fields, cesspools)

300,000 ft. of gravity sewer line and corresponding manholes, 2,200 new hook-ups, 2.1 MGD Wastewater treatment facility, including UV disinfection
New wastewater treatment facility for the City of Sunland Park, New Mexico to serve approximately 6,500 residents

Environmental Benefit
Reduces the overloading and possible failing conditions of the existing South Wastewater Treatment Facility

Summary of the Components
• Entrance works: 2.7 MGD secondary treatment facility, with UV disinfection, Sludge handling operations, Odor control, and Surface water discharge
Border 2012 U.S. – Mexico Border Program

Bill Luthans, Division Deputy Director
Gina Weber, Border Program Coordinator
Carlos Rincon, Border Office Director

Debra Tellez, NM, TX, Chihuahua Liaison
Maria Sisneros, Outreach Specialist
Dora Vasquez, Secretary,
For the last Year Jack Arias
UTEP Intern, Carlos Flores

Miguel Flores, Tamps, N.L., Texas Federal Chair
Paula Flores, Tamps, N.L., Coah., TX Liaison
Sam Coleman, NM, TX, Chihuahua Federal Chair
Border 2012 U.S. – Mexico Border Program

US – Mexico Water Quality Policy Forum Chairs:
Judy Davis, US. EPA, Washington, D.C. HQ
Mario Lopez, CONAGUA, SEMARNAT, Mexico City

El Paso, Cuidad Juarez Task Force Co-leaders:
U.S.: Lorenzo Arriaga
MX: Dr. Rene Franco

Texas /Chihuahua Rural (“Junta de los Rios”) Task Force Co-leaders:
U.S.: Jerry Agan, Presidio County Judge
MX: Cesar Carrasco Baeza, Mayor Ojinaga

New Mexico/Chihuahua Rural Task Force Co-leaders:
U.S.: Allyson Siwik
MX: Celso Jacques